

REMARKS

Status of the Claims

Claims 1-2, 5-6, and 12-19 are pending in the present application. Claims 1, 5, and 12 are independent. Claims 3-4 and 7-11 were previously canceled. Claims 1-2, 5-6, 12, and 17 are amended without prejudice to cancel subject matter that the Examiner alleges does not comply with 35 U.S.C. § 112, first paragraph. Applicants reserve the right to claim any canceled subject matter in one or more continuation or divisional applications. In view of the foregoing, no new matter is entered by way of this amendment. Reconsideration is respectfully requested.

Issues Under 35 U.S.C. § 112, First Paragraph, Enablement

Claims 1, 2, 5, 6, and 12-19 remain rejected in modified form under 35 U.S.C. § 112, first paragraph, as allegedly lacking enablement, *see Office Action*, pages 4-7. Applicants respectfully traverse.

The Examiner states that the present application adequately supports a transgenic mouse or a progeny thereof comprising a transferred recombinant mouse GANP gene that encodes and expresses a protein of SEQ ID NO: 2, wherein the transgenic mouse produces high affinity antibody-producing B cells. However, the Examiner does not believe that all of the mammalian species described in the instant claims are supported by the present application.

In an effort to expedite prosecution, Applicants have limited the claims to specify mice and cancelled the references to the other mammalian species. Accordingly, Applicants believe the rejection is overcome and respectfully request withdrawal.

CONCLUSION

In view of the above amendment and remarks, Applicants believe the pending application is in condition for allowance.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Linda T. Parker, PhD, Registration No. 46,046, at the telephone number of the undersigned below to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

Dated: APR 16 2010

Respectfully submitted,

By *Murphy (12/20/09)*

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